

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10590270"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 22:32
S1	1	(proton near conductor) and (polybenzimidazole) and (sulfonic near acid) and (titania near particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 23:01
S2	78	(proton near conductor) and (polybenzimidazole) and (sulfonic near acid) and (particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 23:12
S3	25	(proton near conductor) and (polybenzimidazole) and (sulfonic near acid) and (titania same particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 23:15
S4	138	(hojo same nobuhiko.in.) or (jikura same junji.in.) or (yamamoto same taisuke. in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 15:34
S5	3	S4 and proton near conductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 15:35
S6	25	(proton near conductor) and (polybenzimidazole) and (sulfonic near acid) and (titania same particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 15:57

S7	0	S6 and (proton near conductor) near electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 15:57
S8	11	S6 and (proton near conductor) same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 15:57
S9	734	(proton near conductor) same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 15:58
S10	632	(proton near conductor) near15 (electrode or anode or cathode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:00
S11	11	S10 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:00
S12	4	S10 and (proton near conductor) same (polybenzimidazole) same (sulfonic near acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:02
S13	501	(proton near conductor) near15 (electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:02
S14	104	(proton near conductor) near (electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:02

S15	2	S14 and (proton near conductor) same (polybenzimidazole) and (sulfonic near acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:03
S16	4	S14 and (proton near conductor) same (polybenzimidazole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:03
S17	0	(proton near conductor) near coating near (electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:06
S18	13	(proton near conductor) near15 coating near15 (electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:06
S19	2	S18 and polybenzimidazole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:08
S20	2	S19 and sulfonic near acid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/20 16:08
S21	3	(proton near conductor) same (second near layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/21 11:19
S22	5	(proton near conductor) same (first near layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/21 11:21

S23	16	(proton near conductor) and (porous same (second near layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/21 11:22
S24	163	(proton near conductor) and (porous same (layers))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/21 11:24
S25	131	S24 and fuel near cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/21 11:24
S26	16	S25 and polybenzimidazole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/21 11:26
S27	0	(proton near conductor) same ((acid\$4 same bas\$4) near immobilized)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/02 20:18
S28	28	(proton near conductor) same ( immobilized)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/02 20:19
S29	11	(proton near conductor) and ( immobilized near (acid or base))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/02 20:20
S30	1	"10590270"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 13:55

S31	1	S30 and immobilized	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 13:55
S32	2	"20020127474" and (covalent or hydrophilic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 13:58
S33	2	"20020127474" and (hydrophilic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 13:59
S34	0	"20020127474" and (covalent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 13:59
S35	1	S30 and immobilized same hydrophilic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 13:59

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